

What Is Claimed Is:

1. An IOL injector tip for delivering a foldable IOL into an eye, said tip comprising first, second, third and fourth contiguous segments, said first segment extending from the injector body and said fourth segment terminating at an open end wherethrough the IOL exits the injector, and further including at least one slot extending through said third and fourth segments to said open end;  
  
whereby said tip may be inserted through an incision in an eye up to the juncture of said third and fourth segments whereby said fourth segment may spread open about said slots upon the IOL passing therethrough, said fourth segment retracting to its original diameter once the IOL has exited the injector tip into the eye.
2. The tip of claim 1 wherein said second segment has a substantially constant diameter.
3. The tip of claim 2 wherein said diameter is about 2.6 to 3.0mm.
4. The tip of claim 2 wherein said diameter is about 2.8mm.
5. The tip of claim 1 wherein said first segment tapers gradually inwardly.
6. The tip of claim 5 wherein said second segment has a substantially constant diameter.
7. The tip of claim 1 wherein said third segment tapers inwardly toward said fourth segment.
8. The tip of claim 7 wherein said fourth segment has a substantially constant diameter.
9. The tip of claim 1 wherein said first segment tapers gradually inwardly, said second segment has a substantially constant diameter, said third segment tapers

inwardly toward said fourth segment, and said fourth segment has a substantially constant diameter.

10. The tip of claim 9 wherein the juncture of said third and fourth segments define a transition point having a diameter less than said second segment.
11. The tip of claim 10 wherein said second segment has a diameter of about 2.6 to 3.0mm and said transition point has a diameter of about 2.0 to 2.5mm.
12. The tip of claim 10 wherein said second segment has a diameter of about 2.8mm and said transition point has a diameter of about 2.4mm.